Transpose Matrix (View)

Given a 2D integer array matrix, return the transpose of matrix.

The **transpose** of a matrix is the matrix flipped over its main diagonal, switching the matrix's row and column indices.

2	4	-1
-10	5	11
18	-7	6



2	-10	18
4	5	-7
-1	11	6

Example 1:

Input: matrix = [[1,2,3],[4,5,6],[7,8,9]]

Output: [[1,4,7],[2,5,8],[3,6,9]]

Example 2:

Input: matrix = [[1,2,3],[4,5,6]]

Output: [[1,4],[2,5],[3,6]]

Constraints:

- m == matrix.length
- n == matrix[i].length
- $1 \le m$, $n \le 1000$
- $1 \le m * n \le 10^5$
- -10° <= matrix[i][j] <= 10°